

	1	3	Document ID	Issue Date	Pages	Title	Current OR
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6174990 B1	20010116	19	Films comprising biodegradable PHA copolymers	528/361
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6160199 A	20001212	19	Absorbent articles comprising biodegradable PHA copolymers	604/367
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6149769 A	20001121	20	Soft tissue having temporary wet strength	162/111
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6143947 A	20001107	16	Fibers, nonwoven fabrics and absorbent articles comprising a biodegradable poly(hydroxyalkanoate) comprising 3-hydroxybutyrate and 3-hydroxyhexanoate	604/372
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6099950 A	20000808	26	Absorbent materials having improved absorbent property and methods for making the same	428/304.4

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1	428/913 528/354 528/355 528/491	Noda, Isao
2	428/480 528/354 528/357 528/359 528/361	Noda, Isao
3	162/109 162/112 162/113 162/123 162/125 162/127 162/129 162/130 162/158 162/164.1 162/164.6 162/168.1 162/168.2 162/168.3 162/175 162/183	Mohammadi, Khosrow Parviz , et al.
4	428/364 428/365 442/409 442/414 528/343 528/355 528/361 528/491	Noda, Isao
5	428/300.7 442/393 521/138 521/149 604/367 604/368 604/378	Wang, Lin , et al.

	1	3	Document ID	Issue Date	Pages	Title	Current OR
6	<input type="checkbox"/>	<input type="checkbox"/>	US 6077931 A	20000620	19	Biodegradable PHA copolymers	528/354
7	<input type="checkbox"/>	<input type="checkbox"/>	US 6071549 A	20000606	18	Binder treated fibrous webs and products	427/2.31
8	<input type="checkbox"/>	<input type="checkbox"/>	US RE36548 E	20000201	21	Biodegradable copolymers	528/361
9	<input type="checkbox"/>	<input type="checkbox"/>	US 6013590 A	20000111	15	Fibers, nonwoven fabrics, and absorbent articles comprising a biodegradable polyhydroxyalkanoate comprising 3-hydroxybutyrate and 3-hydroxyhexanoate	442/414
10	<input type="checkbox"/>	<input type="checkbox"/>	US 6011196 A	20000104	17	Absorbent material having improved absorbent permeability and methods for making the same	604/368
11	<input type="checkbox"/>	<input type="checkbox"/>	US 5998032 A	19991207	30	Method and compositions for enhancing blood absorbence by superabsorbent materials	428/403
12	<input type="checkbox"/>	<input type="checkbox"/>	US 5990377 A	19991123	39	Dual-zoned absorbent webs	604/381
13	<input type="checkbox"/>	<input type="checkbox"/>	US 5895379 A	19990420	23	Absorbent cores having improved acquisition capability, and absorbent articles containing them	604/378
14	<input type="checkbox"/>	<input type="checkbox"/>	US 5858535 A	19990112	26	Absorbent articles comprising absorbent members comprising absorbent materials having improved absorbent	428/407

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6	528/357 528/359 528/361 427/180	Noda, Isao
7	427/202 427/337 427/342 427/369 427/394	Hansen, Michael R.
8	523/124 428/364 428/365 442/123 442/409 528/343 528/355 528/361 528/491	Noda, Isao
9	428/402 502/401	Wang, Lin , et al.
10	428/296.1 428/402 428/408 428/913 604/365 604/367 604/368 604/375	Hansen, Michael R. , et al.
11	442/79 442/86 604/385.101	Chen, Fung-jou , et al.
12	604/368 604/385.23	Litchholt, John Joseph , et al.
13	428/913 604/367 604/368 604/372	Wang, Lin , et al.
14		

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15	<input type="checkbox"/>	<input type="checkbox"/>	US 5655572 A	19990105	26	Absorbent components having a fluid acquisition zone	604/378
16	<input type="checkbox"/>	<input type="checkbox"/>	US 5849405 A	19981215	26	Absorbent materials having improved absorbent property and methods for making the same	428/304.4
17	<input type="checkbox"/>	<input type="checkbox"/>	US 5843575 A	19981201	26	Absorbent members comprising absorbent material having improved	428/407
18	<input type="checkbox"/>	<input type="checkbox"/>	US 5836930 A	19981117	22	absorbent members Absorbent article having an umbilical protection feature and an abbreviated absorbent structure	604/378
19	<input type="checkbox"/>	<input type="checkbox"/>	US 5807364 A	19980915	17	Binder treated fibrous webs and products	604/367
20	<input type="checkbox"/>	<input type="checkbox"/>	US 5789326 A	19980804	39	Particle binders	442/59

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15	604/385.23	Schmidt, Matias
16	521/138 521/149 604/367 604/368 604/378	Wang, Lin et al.
17	428/402 428/913 604/367 604/368	Wang, Lin et al.
18	604/385.23 604/385.3 604/389	Lantz, Joanne Mary et al.
19	442/153 442/164 442/170 604/368	Hansen, Michael R.
20	156/296 156/305 156/62.6 156/62.8 162/136 162/141 162/157.6 162/158 162/159 162/161 162/163 162/182 19/145 19/148 19/304 8/115.51 8/115.54 8/115.6 8/115.7 8/116.4 8/120 8/127.6 8/128.1 8/186	Hansen, Michael R. et al.

	1	3	Document ID	Issue Date	Pages	Title	Current OR
21	<input type="checkbox"/>	<input type="checkbox"/>	US 5780368 A	19980714	10	Spray processes using a gaseous flow for preparing biodegradable fibrils, nonwoven fabrics comprising biodegradable fibrils, and	442/334
22	<input type="checkbox"/>	<input type="checkbox"/>	US 5767168 A	19980616	29	Biodegradable and/or compostable polymers made from conjugated dienes such as isoprene and 2,3-dimethyl-1,3-butadiene	521/149
23	<input type="checkbox"/>	<input type="checkbox"/>	US 5747584 A	19980505	11	Nonwoven materials comprising biodegradable copolymers	524/801
24	<input type="checkbox"/>	<input type="checkbox"/>	US 5720736 A	19980224	27	Absorbent material, absorbent article, and method for production thereof	604/368
25	<input type="checkbox"/>	<input type="checkbox"/>	US 5693411 A ✓	19971202	30	Binders for binding water soluble particles to fibers	442/417
26	<input type="checkbox"/>	<input type="checkbox"/>	US 5690790 A	19971125	9	Temporary wet strength paper	162/175
27	<input type="checkbox"/>	<input type="checkbox"/>	US 5685756 A	19971111	10	Nonwoven materials comprising biodegradable copolymers	442/327
28	<input type="checkbox"/>	<input type="checkbox"/>	US 5672418 A	19970930		Particle binders	442/70
29	<input type="checkbox"/>	<input type="checkbox"/>	US 5653930 A	19970805		Spray processes using a gaseous flow for preparing biodegradable fibrils, nonwoven fabrics comprising biodegradable fibrils, and	264/176.1
30	<input type="checkbox"/>	<input type="checkbox"/>	US 5641561 A	19970624		Particle binding to fibers	442/417

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21	442/335 : 442/392	Noda, Isao , et al.
22	521/150 : 521/63 : 521/64 : 604/358 : 604/369	Dyer, John Collins , et al.
23	156/181 : 156/332 : 528/361	Noda, Isao
24	427/180 : 427/189 : 442/294 : 442/417 : 604/372	Hatsuda, Takumi , et al.
25	428/378 : 442/327	Hansen, Michael R. , et al.
26	162/164.7 : 162/170 : 162/183	Headlam, Michael Martyn , et al.
27	428/355R : 442/395 : 442/413 : 604/369	Noda, Isao
28	428/378 : 428/913	Hansen, Michael R. , et al.
29	264/177.16 : 264/211.14	Noda, Isao , et al.
30	428/407	Hansen, Michael R. , et al.

	1	3	Document ID	Issue Date	Pages	Title	Current OR
31	<input type="checkbox"/>	<input type="checkbox"/>	US 561885 A	19970408		Biodegradable copolymers and plastic articles comprising biodegradable copolymers	521/189
32	<input type="checkbox"/>	<input type="checkbox"/>	US 5614570 A	19970325		Absorbent articles containing binder carrying high bulk fibers	524/13
33	<input type="checkbox"/>	<input type="checkbox"/>	US 5611885 A	19970318		Particle binders	156/326
34	<input type="checkbox"/>	<input type="checkbox"/>	US 5610208 A	19970311		Water-absorbent agent, method for production thereof, and water-absorbent composition	525/384
35	<input type="checkbox"/>	<input type="checkbox"/>	US 5609727 A	19970311		Fibrous product for binding particles	162/184
36	<input type="checkbox"/>	<input type="checkbox"/>	US 5607759 A	19970304		Particle binding to fibers	442/417
37	<input type="checkbox"/>	<input type="checkbox"/>	US 5602227 A	19970211		Biodegradable copolymers	528/361
38	<input type="checkbox"/>	<input type="checkbox"/>	US 5593399 A	19970114		Absorbent article which includes superabsorbent material located in discrete, elongate pockets placed in selected patterns	604/368

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31	521/182 521/916 528/298 528/302	Noda, Isao
32	428/372 523/204 523/205 523/206 523/207 523/208 523/215 523/216 523/217	Hansen, Michael R. , et al.
33	156/327 156/336 427/180 427/201 427/374.1 427/375 427/389.9 427/392	Hansen, Michael R. , et al.
34	525/329.4 525/330.1 525/330.6	Dairoku, Yorimichi , et al.
35	162/158 162/185 428/147 428/394 604/367 604/378	Hansen, Michael R. , et al.
36	428/378 428/913	Hansen, Michael R. , et al.
37	523/124	Noda, Isao
38	604/358 604/372 604/378 604/385.21	Tanzer, Richard W. , et al.

	1	3	Document ID	Issue Date	Pages	Title	Current OR
39	<input type="checkbox"/>	<input type="checkbox"/>	US 5589256 A	19961231		Particle binders that enhance fiber densification	442/417
40	<input type="checkbox"/>	<input type="checkbox"/>	US 5571618 A	19961105		Reactivatable binders for binding particles to fibers	428/359
41	<input type="checkbox"/>	<input type="checkbox"/>	US 5562645 A	19961008		Article with soft absorbent pulp sheet	604/367

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39	156/296	Hansen, Michael R. , et al.
	: 156/305	
	: 156/62.6	
	: 156/62.8	
	: 162/136	
	: 162/141	
	: 162/157.6	
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	: 162/159	
	: 162/161	
	: 162/163	
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	: 162/205	
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40	: 424/404	Hansen, Michael R. , et al.
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41	: 427/402	Tanzer, Richard W. , et al.
	: 428/361	
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	: 428/364	
40	: 428/372	Hansen, Michael R. , et al.
	: 428/375	
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41	: 604/365	Tanzer, Richard W. , et al.
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42	<input type="checkbox"/>	<input type="checkbox"/>	US 5547745 A	19960820		Particle binders	442/417
43	<input type="checkbox"/>	<input type="checkbox"/>	US 5547541 A	19960820		Method for densifying fibers using a densifying agent	162/12
44	<input type="checkbox"/>	<input type="checkbox"/>	US 5543215 A ✓	19960806		Polymeric binders for binding particles to fibers	442/417
45	<input type="checkbox"/>	<input type="checkbox"/>	US 5538783 A ✓	19960723		Non-polymeric organic binders for binding particles to fibers	442/417
46	<input type="checkbox"/>	<input type="checkbox"/>	US 5536564 A	19960716		Biodegradable copolymers and plastic articles comprising biodegradable	428/193
47	<input type="checkbox"/>	<input type="checkbox"/>	US 5518761 A	19960521		copolymers of 3-hydroxyhexanoate Absorbent material absorbent article, and method for production thereof	427/180
48	<input type="checkbox"/>	<input type="checkbox"/>	US 5502116 A	19960326		Biodegradable copolymers and plastic articles comprising biodegradable	525/415
49	<input type="checkbox"/>	<input type="checkbox"/>	US 5498692 A	19960312		copolymers of 3-hydroxyhexanoate Biodegradable copolymers and plastic articles comprising biodegradable	528/361
50	<input type="checkbox"/>	<input type="checkbox"/>	US 5489470 A	19960206		copolymers Biodegradable copolymers and plastic articles comprising biodegradable	442/392
51	<input type="checkbox"/>	<input type="checkbox"/>	US 5447977 A	19950905		Particle binders for high bulk fibers	524/13

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42	428/378 : 428/393	Hansen, Michael R. et al.
43	162/158 : 162/166 : 162/168.1 : 162/181.1 : 162/184	Hansen, Michael R. , et al.
44	428/378 : 428/393	Hansen, Michael R. , et al.
45	428/913	Hansen, Michael R. , et al.
46	428/480 : 428/913 : 525/415	Noda, Isao
47	427/189 : 427/195 : 427/377 : 427/385.5	Hatsuda, Takumi , et al.
48	524/47 : 525/398	Noda, Isao
49	523/124	Noda, Isao
50	428/913 : 442/414 : 604/358	Noda, Isao
51	428/372 : 523/204 : 523/205 : 523/206 : 523/207 : 523/208 : 523/215 : 523/216 : 523/217	Hansen, Michael R. , et al.

	1	3	Document ID	Issue Date	Pages	Title	Current OR
52	<input type="checkbox"/>	<input type="checkbox"/>	US 5433715 A	19950718	38	Absorbent article which includes superabsorbent material located in discrete pockets having water-sensitive and water-insensitive	604/368
53	<input type="checkbox"/>	<input type="checkbox"/>	US 5425725 A	19950620	41	Absorbent article which includes superabsorbent material and hydrophilic fibers located in discrete pockets	604/368
54	<input type="checkbox"/>	<input type="checkbox"/>	US 5411497 A	19950502	33	Absorbent article which includes superabsorbent material located in discrete pockets having an improved containment structure	604/368
55	<input type="checkbox"/>	<input type="checkbox"/>	US 5409765 A	19950425		Nonwoven webs made from ionomers	442/351
56	<input type="checkbox"/>	<input type="checkbox"/>	US 5382610 A	19950117		Water absorbent matter and method for producing it as well as water absorbent and method for producing it	524/35
57	<input type="checkbox"/>	<input type="checkbox"/>	US 5352480 A	19941004		Method for binding particles to fibers using reactivatable binders	427/202

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52	604/358 : 604/367 : 604/372 : 604/378 : 604/385.19	Tanzer, Richard W. , et al.
53	604/358 : 604/367 : 604/372 : 604/378 : 604/385.01	Tanzer, Richard W. , et al.
54	604/358 : 604/367 : 604/372 : 604/378	Tanzer, Richard W. , et al.
55	156/62.4 : 442/361 : 442/400 : 442/401 : 442/414	Boettcher, Jeffrey J. , et al.
56	428/221 : 524/13 : 525/183 : 525/187 : 604/358 : 604/367 : 604/372	Harada, Nobuyuki , et al.
57	427/205 : 428/372 : 428/393 : 604/368	Hansen, Michael R. , et al.

	1	3	Document ID	Issue Date	Pages	Title	Current OR
58	<input type="checkbox"/>	<input type="checkbox"/>	US 5308896 A ?	19940503		Particle binders for high bulk fibers	524/13
59	<input type="checkbox"/>	<input type="checkbox"/>	US 5300192 A ?	19940405		Wet laid fiber sheet manufacturing with reactivatable binders for binding particles to fibers	162/184
60	<input type="checkbox"/>	<input type="checkbox"/>	US 4025472 A	19770524		Process for drying polymer-modified cellulose fibres and products	527/312
61	<input type="checkbox"/>	<input type="checkbox"/>	US 4006059 A	19770201		produced thereby Hydrophobic noncovalent binding of proteins to support materials	435/176
62	<input type="checkbox"/>	<input type="checkbox"/>	US 3563241 A	19710216		WATER-DISPERSIBLE NONWOVEN FABRIC	604/364

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58	428/372	Hansen, Michael R. , et al.
	: 523/204	
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59	: 156/296	Hansen, Michael R. , et al.
	: 156/305	
	: 156/62.6	
	: 162/12	
	: 442/73	
60	527/314	Lepoutre, Pierre
	: 604/368	
	: 604/376	
61	435/179	Butler, Larry G.
	: 530/410	
	: 530/415	
	: 530/811	
	: 530/814	
62	160/169	Evans, Franklin James , et al.
	: 264/518	
	: 264/546	
	: 428/219	
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	: 604/368	
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	: 604/378	
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